

APPENDIX 2: ASSIGNMENT OF DRIVERS TO THE CONDITIONS

The control-transfer method and intra-string gap conditions experienced by each driver were balanced across age and gender. Young males and young females were between 25 and 34 years of age. Older males and older females were age 65 or older. There were three possible transfer-of-control conditions and two possible intra-string gap conditions. There was also a control group, which experienced neither a transfer of control nor an intra-string gap. The way in which the drivers were assigned to these conditions is shown in tables 34 through 37.

Table 34. The transfer condition and gap experienced by younger¹ male drivers.

Driver ²	Transfer Condition	Intra-String Gap
YM A01	Steering First	0.0344s (1.0m)
YM A02	Velocity First	0.0625s (1.8m)
YM A03	Simultaneous	0.0344s (1.0m)
YM A04	CONTROL	CONTROL
YM A05	Steering First	0.0625s (1.8m)
YM A06	Velocity First	0.0344s (1.0m)
YM A07	Simultaneous	0.0625s (1.8m)
YM A08	CONTROL	CONTROL
YM A09	Steering First	0.0344s (1.0m)
YM A10	Velocity First	0.0625s (1.8m)
YM A11	Simultaneous	0.0344s (1.0m)
YM A12	CONTROL	CONTROL

1 Younger drivers were between 25 and 34 years of age.

2 YM represents the category "younger male."

Table 35. The transfer condition and gap experienced by younger¹ female drivers.

Driver ²	Transfer Condition	Intra-String Gap
YF A01	CONTROL	CONTROL
YF A02	Simultaneous	0.0625s (1.8m)
YF A03	Velocity First	0.0344s (1.0m)
YF A04	Steering First	0.0625s (1.8m)
YF A05	CONTROL	CONTROL
YF A06	Simultaneous	0.0344s (1.0m)
YF A07	Velocity First	0.0625s (1.8m)
YF A08	Steering First	0.0344s (1.0m)
YF A09	CONTROL	CONTROL
YF A10	Simultaneous	0.0625s (1.8m)
YF A11	Velocity First	0.0344s (1.0m)
YF A12	Steering First	0.0625s (1.8m)

1 Younger drivers were between 25 and 34 years of age.

2 YF represents the category "younger female."

Table 36. The transfer condition and gap experienced by older¹ male drivers.

Driver ²	Transfer Condition	Intra-String Gap
OM A01	Simultaneous	0.0625s (1.8m)
OM A02	CONTROL	CONTROL
OM A03	Steering First	0.0344s (1.0m)
OM A04	Velocity First	0.0625s (1.8m)
OM A05	Simultaneous	0.0344s (1.0m)
OM A06	CONTROL	CONTROL
OM A07	Steering First	0.0625s (1.8m)
OM A08	Velocity First	0.0344s (1.0m)
OM A09	Simultaneous	0.0625s (1.8m)
OM A10	CONTROL	CONTROL
OM A11	Steering First	0.0344s (1.0m)
OM A12	Velocity First	0.0625s (1.8m)

1 Older drivers were between 65 and 69 years of age (OM A01-OM A06) and age 75 or older (OM A07-OM A12).

2 OM represents the category "older male."

Table 37. The transfer condition and gap experienced by older¹ female drivers.

Driver ²	Transfer Condition	Intra-String Gap
OF A01	Velocity First	0.0344s (1.0m)
OF A02	Steering First	0.0625s (1.8m)
OF A03	CONTROL	CONTROL
OF A04	Simultaneous	0.0344s (1.0m)
OF A05	Velocity First	0.0625s (1.8m)
OF A06	Steering First	0.0344s (1.0m)
OF A07	CONTROL	CONTROL
OF A08	Simultaneous	0.0625s (1.8m)
OF A09	Velocity First	0.0344s (1.0m)
OF A10	Steering First	0.0625s (1.8m)
OF A11	CONTROL	CONTROL
OF A12	Simultaneous	0.0344s (1.0m)

1 Older drivers were between 65 and 69 years of age (OF A01-OF A06) and age 75 or older (OF A07-OF A12).

2 OF represents the category "older female."